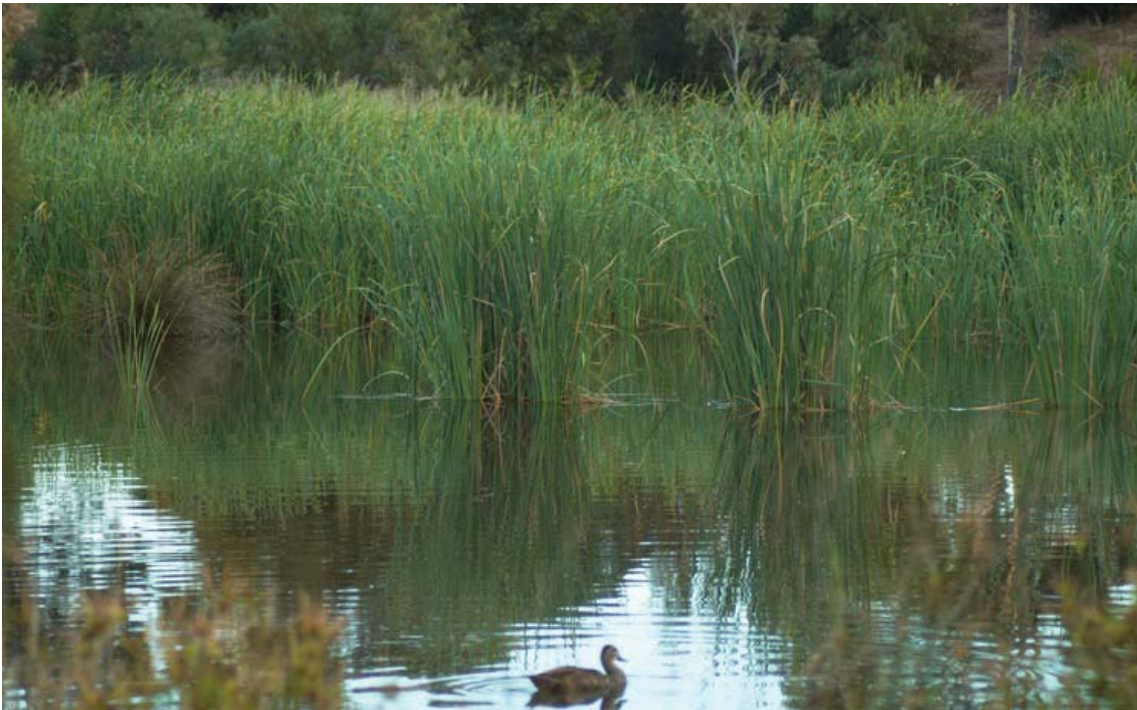


CWA Section 401 Water Quality Certification Program

Division of Water Quality

Annual Report 2008





√ Impacts Summary by Region

√ Annual Trends

√ Discharges by Project Type

The State Water Board Certification and Wetlands Program Annual Report contains summary information for permanent and temporary impacts for five waterbody types, including wetland, streambed, lake, ocean, and riparian. Please direct any questions regarding this report to Catherine Woody at CWoody@waterboards.ca.gov.

Table 1 - Impacts Summary by Region*
2008

		Permanent Dredge Impacts	Permanent Fill Impacts					Compensatory Mitigation for All Types		
Region	Number Of Projects	Thousands of Cubic Yards	Wetland Acres	Riparian Acres	Streambed Acres	Lake Acres	Ocean Acres	Total Permanent Acres	Compensatory Mitigation	Compensation Mitigation Ratio
1	156	41	17.58	1.05	34.60	0.12	0.00	53.35	44.88	0.84
2	112	1,954	9.38	0.47	6.65	8.00	0.20	24.70	178.43	7.22
3	63	1,302	1.83	1.42	7.60	0.14	0.00	10.99	10.91	0.99
4	55	23	185.07	0.00	4.70	0.06	3.12	192.95	38.92	0.20
5F	27	75	1.25	0.80	1.78	0.00	0.00	3.83	4.04	1.05
5R	66	10	13.03	1.04	2.60	1.41	0.00	18.09	46.91	2.59
5S	168	292	51.04	5.99	49.46	11.40	0.00	117.89	207.94	1.76
6T	22	1	13.33	0.00	0.39	8.02	0.00	21.74	2.35	0.11
6V	12	201	1.34	0.16	0.17	0.69	0.00	2.36	5.81	2.46
7	10	3	0.00	0.00	0.02	0.00	0.00	0.02	0.87	43.50
8	67	347	1.14	0.30	6.92	12.98	0.02	21.35	20.70	0.97
9	43	130	0.58	0.13	133.47	0.05	0.30	134.53	364.56	2.71
SB	1	0	0.13	0.00	0.04	0.00	0.00	0.17	132.80	781.19
Total	802	4,380	295.69	11.36	248.40	42.87	3.64	601.97	1,059.12	1.76

* Does not include restoration projects. See Table 3 for restoration impacts.

Table 2 - Annual Trends*
2006 - 2008

Region	2008			2007			2006		
	Number Of Projects	Total Permanent Dredge (Thousands of Cubic Yards)	Total Permanent Fill (Acres)	Number Of Projects	Total Permanent Dredge (Thousands of Cubic Yards)	Total Permanent Fill (Acres)	Number Of Projects	Total Permanent Dredge (Thousands of Cubic Yards)	Total Permanent Fill (Acres)
1	156	41.27	53.35	74	135.80	45.42	122	187.40	29.26
2	112	1,953.79	24.70	176	390.56	10.46	181	2,458.44	33.53
3	63	1,301.53	10.99	68	320.91	13.13	88	312.51	9.10
4	55	23.00	192.95	64	242.20	11.12	88	0.00	75.78
5F	27	75.00	3.83	25	0.59	4.64	24	0.00	7.84
5R	66	10.35	18.09	91	322.18	29.28	72	1.47	21.85
5S	168	292.34	117.89	202	12.00	287.41	242	519.22	228.67
6T	22	1.13	21.74	32	96.18	2.62	74	42.00	74.31
6V	12	201.39	2.36	8	100.00	2.53	1	0.00	8.31
7	10	3.27	0.02	17	0.95	5.06	25	0.00	3.33
8	67	346.90	21.35	112	36.45	58.22	112	13.06	71.58
9	43	129.90	134.53	47	84.25	9.14	64	14.21	24.89
SB	1	0.00	0.17	2	0.00	0.00	1	0.00	0.00
Total	802	4,379.86	601.97	918	1,742.07	479.02	1,094	3,548.30	588.46

* Does not include restoration projects. See Table 3 for restoration impacts.

**Table 3 - Discharges by Project Type
2008**

Project Purpose	No. of Projects	Dredge Volume (Thousands of Cubic Yards)*	Permanent Fill Acres*	Temporary Fill Acres*	Percent of Fill Acres
Agricultural (AG)	1	0.00	0.00	0.01	0%
Beach Enrichment (BEACH)	2	100.00	0.67	0.00	0%
Boating Navigation (BOAT)	52	182.58	29.05	14.24	2%
Channel Flood Control (CHFC)	39	71.58	158.09	64.49	13%
Channel Stabilization (CHSTBL)	93	296.62	18.64	47.35	2%
Construction (CONST)	49	195.24	40.43	8.63	3%
Dam Construction Repair (DAMS)	13	75.00	2.67	6.64	0%
Data Collection (DATA)	8	0.01	0.01	0.45	0%
Diversion Structures (DIV)	18	0.05	1.94	37.02	0%
Golf Course (GOLF)	3	0.00	0.29	0.00	0%
Hydroelectric Facility (HYDRO)	0	0.00	0.00	0.00	0%
Gravel Extraction Mining (MINE)	6	40.00	16.18	2.08	1%
Mitigation Activities (MITI)	5	4.43	0.16	4.91	0%
Discharges Not Otherwise Categorized	38	2,840.13	201.56	88.07	17%
Outfall Structure (OUTF)	29	8.72	2.44	0.69	0%
Recreational Facilities (RECR)	22	3.30	1.08	1.05	0%
Restoration Activities (REST)**	136	1,379.71	524.17	408.42	44%
Transportation - Aeronautics (TRAER)	3	0.00	1.07	0.46	0%
Transportation - Bridges Crossings (TRBR)	117	468.52	50.62	21.85	4%
Transportation - Roads Highways (TRRD)	166	262.29	69.80	17.21	6%
Transportation - Railroads (TRRR)	8	0.00	0.05	1.25	0%
Unknown (UNK)	0	0.00	0.00	0.00	0%
Urban Development (URBA)	100	0.07	52.20	1.61	4%
Utilities (UTIL)	77	200.04	16.59	15.02	1%

*Dredge and fill acre totals may exceed that shown in Table 1 because some projects may have more than one purpose. (Except for REST; see following note.)

**Restoration Activities includes only those projects whose primary purpose is to restore or enhance beneficial uses fo water.